

## WHAT IS CLAIMED IS:

1. A device for tissue handling, comprising:  
a structure, configured for receiving and holding a tissue specimen, wherein the tissue specimen includes tissue positional references; and  
device positional references, associated with the structure, for fixing the orientation of the tissue specimen, when held by the device, so as to reflect the tissue specimen positional references.
2. The device of claim 1, configured to define tissue lateral and superior sides and a tissue top face.
3. The device of claim 1, wherein the device is substantially transparent to at least one imaging modality, selected from the group consisting of x-ray imaging gamma imaging, and MRI.
4. The device of claim 1, configured to receive the tissue specimen prior to its complete removal.
5. The device of claim 1, wherein the device positional references are built into the structure of the device.
6. The device of claim 1, wherein the device positional references are based on a color code.
7. The device of claim 1, wherein the device positional references are based on sutures of different lengths.
8. The device of claim 1, formed as a rigid body.
9. The device of claim 1, formed as a flexible body.

10. The device of claim 1, formed as a stretchable body.
11. The device of claim 1, formed as an expansible body.
12. The device of claim 1, formed as a sac-like mesh.
13. The device of claim 1, formed as a stretchable stocking.
14. The device of claim 1, formed as a resilient cage.
15. The device of claim 1, formed as a box outline, comprising:  
a box outline body;  
a box outline lid; and  
at least one holder, for holding together the box outline body and lid.
16. The device of claim 1, wherein the structure comprises:  
first and second frames, designed to be superimposed and receive and hold the tissue specimen therebetween; and  
at least one holder, for holding the first and second frames together, with the tissue specimen sandwiched therebetween, thus fixing the orientation of the tissue specimen.
17. The device of claim 16 or 15, and wherein the at least one holder is a surgical latex band.
18. The device of claim 16 or 15, and further including a lining.
19. The device of claim 16 or 15, and further including a grid.
20. The device of claim 1, configured for applying a force of less than 500 gram on the tissue specimen.

21. The device of claim 1, configured for applying a force of between 20 and 200 gram on the tissue specimen.
22. The device of claim 1, and further including handles for holding the device.
23. The device of claim 1, provided in a plurality of sizes.
24. A method for tissue transport and handling, comprising:  
providing a device, which comprises:  
a structure, configured for receiving and holding a tissue specimen,  
wherein the tissue specimen includes tissue positional references; and  
device positional references, associated with the structure, for fixing the  
orientation of the tissue specimen, when held by the device; and  
positioning the tissue specimen within the device, so as to reflect the tissue  
specimen positional references by the device positional references.
25. The method of claim 24, and further including maintaining the tissue  
specimen immobile, in the device.
26. The method of claim 24, wherein the device is configured to define  
tissue lateral and superior sides and a tissue top face.
27. The method of claim 24, wherein the device is substantially transparent  
to at least one imaging modality, selected from the group consisting of x-ray imaging  
gamma imaging, and MRI.
28. The method of claim 24, wherein the device is configured to receive the  
tissue specimen prior to its complete removal.
29. The method of claim 24, wherein the device positional references are  
built into the structure of the method.

30. The method of claim 24, wherein the device positional references are based on a color code.

31. The method of claim 24, wherein the device positional references are based on sutures of different lengths.

32. The method of claim 24, wherein the device is formed as a rigid body.

33. The method of claim 24, wherein the device is formed as a flexible body.

34. The method of claim 24, wherein the device is formed as a stretchable body.

35. The method of claim 24, wherein the device is formed as an expansible body.

36. The method of claim 24, wherein the device is formed as a sac-like mesh.

37. The method of claim 24, wherein the device is formed as a stretchable stocking.

38. The method of claim 24, wherein the device is formed as a resilient cage.

39. The method of claim 24, wherein the device is formed as a box outline, comprising:

a box outline body;

a box outline lid; and

at least one holder, for holding together the box outline body and lid.

40. The method of claim 24, wherein the structure comprises:  
first and second frames, designed to be superimposed and receive and hold the tissue specimen therebetween; and

at least one holder, for holding the first and second frames together, with the tissue specimen sandwiched therebetween, thus fixing the orientation of the tissue specimen.

41. The method of claim 40 or 39, and wherein the at least one holder is a surgical latex band.

42. The method of claim 40 or 39, wherein the device further includes a lining.

43. The method of claim 40 or 39, wherein the device further includes a grid.

44. The method of claim 24, and further including applying a force of less than 500 gram on the tissue specimen.

45. The method of claim 24, and further including applying a force of between 20 and 200 gram on the tissue specimen.